Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6408164".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 17:15
L2	74	"4425639"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 17:15
L3	0	"4425639.pn."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 17:16
L4	2	"4425639".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 17:16
L5	166	((switch$4 near2 matrix) or crossbar) with (demodulat$4 or remodulat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:33
L6	58	(cell$2 or (base near2 station)) same (uplink or (up near2 link)) same (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:33
L7	4	L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:33
L8	18987466	@ad<="20000206" or @rlad<="20000206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L9	124	L5 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L10	308	((switch$4 near2 matrix) crossbar) same (demodulat$4 or remodulat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34

L11	762	(cell$2 or (base near2 station)) same (subband$2 or subchannel\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L12	6	L10 same L11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L13	159442	satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L14	121	L10 and L13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L15	18987466	@ad<="20000206" or @rlad<="20000206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L16	81	L14 and L15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L17	93133	matrix$4 same cell\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L18	2666319	input	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L19	7313	L17 same L18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L20	142050	number near3 cell\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34

L21	690	L19 same L20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L22	85	(beam$3 (up near2 link) "uplink" "up-link") same (reus$4 "re-use") same (switch$4 matrix$4) same satellite$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L23	19237848	@ad<="20000329" or @rlad<="20000329" or @ptad<="20000329" or @pt1d<="20000329" or @pt3d<="20000329"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L24	74	L22 and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L25	1388	(beam$3 (up near2 link) "uplink" "up-link") with (reus$4 "re-use" near3 (frequency channel$4 pattern$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L26	30	(matrix$4) same L25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L27	30	(matrix$4) same L25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
L28	19	L23 and L27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:36
L29	3	(input near3 modul$4) and (cell$2 (base near3 station)) and (subband$4) and splitter and (frequenc$4 near4 reus$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:38
L30	0	(input near3 modul$4) and (cell$2 (base near3 station)) and (subband$4) and splitter and (frequenc$4 near4 reus$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:38

L31	0	(input near3 modul$4) and (subband$4) and splitter and (frequenc$4 near4 reus$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:39
L32	2	(input near3 modul$4) and splitter and (frequenc$4 near4 reus$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:39
S1	1	(up near2 link) near15 ((switch$4 near2 matrix) crossbar) near20 (demodulat$4 or remodulat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:19
S2	1	(up near2 link) near15 ((switch$4 near2 matrix) crossbar) with (demodulat$4 or remodulat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:38
S3	155	((switch$4 near2 matrix) or crossbar) with (demodulat$4 or remodulat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:27
S4	0	(cell$2 or (base near2 station)) with (up near2 link) near (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:22
S5	0	(cell$2 or (base near2 station)) with (up near2 link) with (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:22
S6	47	(cell$2 or (base near2 station)) same (uplink or (up near2 link)) same (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:25
S7	3	S3 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:33
S8	1313118	cell$2 or (base near2 station) same (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:26

S9	640	(cell$2 or (base near2 station)) same (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:26
S10	3	S3 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:26
S11	18940116	@ad<="20000206" or @rlad<="20000206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 10:57
S12	0	S3 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:28
S13	124	S3 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
S14	2	"4931802".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 11:13
S15	5	((switch$4 near2 matrix) crossbar) same (demodulat$4 or remodulat$4) same (cell$2 or (base near2 station)) same (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:41
S16	290	((switch$4 near2 matrix) crossbar) same (demodulat$4 or remodulat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 15:24
S17	640	(cell$2 or (base near2 station)) same (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:43
S18	5	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:42

S19	5	S16 same S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
S20	169	cell$2 with (subband$2 or subchannel$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:48
S21	197	(up near2 link) with (cell$2 or (base near2 station)) with (subband$2 or frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:51
S22	0	S16 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:51
S23	87569	(cell$2 or (base near2 station)) same (subband$2 or frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:51
S24	49	S16 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:51
S25	139496	satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 15:24
S26	114	S16 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 15:24
S27	18940116	@ad<="20000206" or @rlad<="20000206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 15:25
S28	81	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34

S29	1392676	cell$2 or (base near2 station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 15:26
S30	34	S28 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 15:27
S31	44	Switch$5 same cell$3 same ("sub-band" (sub near3 band) "subband")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 14:36
S32	37	matrix$4 same cell$3 same ("sub-band" (sub near3 band) "subband")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:56
S33	88436	matrix$4 same cell$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:56
S34	19194598	@ad<="20000324" or @rlad<="20000324" or @ptad<="20000324" or @pt1d<="20000324" or @pt3d<="20000324"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:57
S35	57858	S33 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:57
S36	2583176	input	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:58
S37	7101	S33 same S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:58
S38	5154	S37 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:59

S39	135380	number near3 cell$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 13:59
S40	671	S37 same S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
S41	527	S34 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 14:02
S42	86468	"455"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 14:02
S43	8	S41 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 14:02
S44	1888	Switch$5 same cell$3 same ("sub-band" (sub near3 band) "subband" $4channel "sub-channel") same input same output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 14:37
S45	1404	S34 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 14:37
S46	41	S42 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 18:35
S47	2	(beam$3 (up near2 link) "uplink" "up-link") same redundan$4 same (switch$4 near3 matrix$4) same ((down near3 converter$3) "downconverter")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 18:45
S48	2	redundan$4 same (switch$4 near3 matrix$4) same ((down near3 converter$3) "downconverter")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 18:44

S49	406	redundan$4 same (switch$4 near3 matrix$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 18:44
S50	21	(beam$3 (up near2 link) "uplink" "up-link") same redundan$4 same (switch$4 near3 matrix$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 20:25
S51	2	(beam$3 (up near2 link) "uplink" "up-link") same ((reus$4 "re-use") near3 (pattern$4 frequecy)) same (switch$4 near3 matrix$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 20:27
S52	3	(beam$3 (up near2 link) "uplink" "up-link") same (reus$4 "re-use") same (switch$4 near3 matrix$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 20:31
S53	73	(beam$3 (up near2 link) "uplink" "up-link") same (reus$4 "re-use") same (matrix$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 10:56
S54	83	(beam$3 (up near2 link) "uplink" "up-link") same (reus$4 "re-use") same (switch$4 matrix$4) same satellite$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:05
S56	19216443	@ad<="20000329" or @rlad<="20000329" or @ptad<="20000329" or @pt1d<="20000329" or @pt3d<="20000329"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:00
S57	74	S54 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
S58	1404	(beam$3 (up near2 link) "uplink" "up-link") with (reus$4 "re-use")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:04
S59	1330	(beam$3 (up near2 link) "uplink" "up-link") with (reus$4 "re-use" near3 (frequency channel$4 pattern$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:33

S60	348	(switch$4 near4 matrix$4) same satellite$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:06
S61	2	(switch$4 near4 matrix$4) same S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:06
S62	106	(switch$4 matrix$4) same S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:33
S63	77	S56 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:06
S64	29	(matrix$4) same S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
S65	19	S56 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 18:34
S66	630	(beam$3 (up near2 link) "uplink" "up-link") with ((reus$4 "re-use") near3 (frequenc$4 channel$4 pattern$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:33
S67	2	(switch$4 near4 matrix$4) same S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:34
S68	21	(matrix$4) same S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:41
S69	2	"5220320".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 11:42

| S70 | 2 | "5790529".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 11:42 |
| S71 | 2 | "6408164".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 14:02 |